OPEN FILE REPORT 79-117 UNITED STATES CRESTON JUNCTION QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING PLATE 33 OF 43 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107°45′ 41°45′ 107*37′30″ 41°45′ 42'30" EXPLANATION 32 33 34 35 36 600 ----OVERBURDEN ISOPACHS - Showing thickness of T. 21 N. overburden, in feet, from the surface to the top of the coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 50 feet (15.24 m) over strippable coal and 200 feet (60.96 m) beyond the stripping-limit T. 21 N. 0 40 DRILL HOLE - Showing thickness of overburden, in feet, from the surface to the top of the coal bed. T. 20 N. ______10 _____ MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data. ChL - Lower Cherokee (C) of Upper Fort Union Coal Zone 0 554 COAL BED SYMBOL AND NAME 11 10 TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred. 0235 TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located. To convert feet to meters, multiply feet by 0.3048. To convert mining ratio to cubic meters 15 14 13 of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428. 42'30" 0 87 22 0 80 18 17 16 15 41°37′30″ 107°37′30″ (SEAVERSON RESERVOIR) 4467 II SW 42'30" R. 92 W. R. 91 W. 107°45′ SCALE 1:24 000 Base from U.S. Geological Survey, 1966 Compiled in 1978 1 KILOMETER This report has not been edited for conformity with U.S. Geological WYOMING Survey editorial standards or stratigraphic nomenclature. UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION COAL RESOURCE OCCURRENCE MAP OF THE CRESTON JUNCTION QUADRANGLE,

SWEETWATER AND CARBON COUNTIES, WYOMING

BY

DAMES & MOORE

1979

OVERBURDEN ISOPACH AND
MINING RATIO MAP OF THE
LOWER CHEROKEE (C) COAL BED

PLATE 33